

# Materials Safety

## A Message from Rick Kelly

### Include Safety Training in On-The-Job Training

Almost every new researcher in an MSD lab receives specific in-lab (on-the-job) training in addition to formal institutional training. Typically this includes training to conduct specific activities or operate, maintain and service equipment.

For potentially hazardous operations or equipment, in-lab training should always include process/equipment-specific safety training as well as operational training. Researchers must be trained to prevent injury, electrical shock, chemical release or other accidents.

Training should include the methods to safely maintain and service any equipment used, if that scope of work is authorized for the individual. When safety training to service and maintain the equipment is not provided, the researchers must understand that they are not authorized to undertake these activities.

MSD Lab Owners are asked to maintain a record of people authorized to use potentially hazardous equipment or conduct potentially hazardous operations. In some cases such as the use of class 3b or 4 lasers or pyrophoric chemicals, the record of authorization is kept within the governing Activity Hazard Document. Where an AHD is not used, another method should be developed to keep track of who has completed required training and is authorized to perform specific work.

